

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/007635

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H03F1/02, 3/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H03F1/02, 3/68

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2003-8460 A (Matsushita Electric Works, Ltd.), 10 January, 2003 (10.01.03), Par. Nos. [0015] to [0017]; Fig. 2 (Family: none)	1-11
Y	JP 2003-46399 A (Zarlink Semiconductor Ltd.), 14 February, 2003 (14.02.03), Par. Nos. [0032] to [0033]; Fig. 6 & US 2002/0193067 A1 & EP 1253714 A2	1-11
Y	JP 11-4357 A (Nippon Antena Kabushiki Kaisha), 06 January, 1999 (06.01.99), Full text; all drawings (Family: none)	1-11

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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Date of the actual completion of the international search
26 July, 2005 (26.07.05)Date of mailing of the international search report
16 August, 2005 (16.08.05)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 8-340219 A (THOMCAST), 24 December, 1996 (24.12.96), Full text; all drawings & EP 718965 A & FR 2728742 A	4, 6-8
Y	JP 44-24968 B1 (Sony Corp.), 22 October, 1969 (22.10.69), Full text; all drawings (Family: none)	4, 6-8
Y	JP 4-105490 A (Sony Corp.), 07 April, 1992 (07.04.92), Page 3, upper left column, line 8 to page 4, upper left column, line 10; Figs. 4, 5 (Family: none)	5
Y	JP 2004-15224 A (Sharp Corp.), 15 January, 2004 (15.01.04), Par. Nos. [0003] to [0006] (Family: none)	11